

Date of Deposit: August 18, 2003

Form PTO-1449 Modified		Docket No. RTS-0678US	Serial No. not yet assigned 10/643,801
List of Patents and Publications Cited by Application (Use several sheets if necessary)		Applicant Sanjay Bhanot et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date herewith	Group 16 35
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
✓	AA	Buhman et al., DGAT1 is not essential for intestinal triacylglycerol absorption or chylomicron synthesis, <i>J. Biol. Chem.</i> , 2002, 277:25474-25479	
✓	AB	Cases et al., Identification of a gene encoding an acyl CoA:diacylglycerol acyltransferase, a key enzyme in triacylglycerol synthesis, <i>Proc. Natl. Acad. Sci. U. S. A.</i> , 1998, 95:13018-13023	
✓	AC	Cases et al., Cloning of DGAT2, a second mammalian diacylglycerol acyltransferase, and related family members, <i>J. Biol. Chem.</i> , 2001, 276:38870-38876	
✓	AD	Chen et al., Increased insulin and leptin sensitivity in mice lacking acyl CoA:diacylglycerol acyltransferase 1, <i>J. Clin. Invest.</i> , 2002, 109:1049-1055	
✓	AE	Chen et al., Leptin modulates the effects of acyl CoA:diacylglycerol acyltransferase deficiency on murine fur and sebaceous glands, <i>J. Clin. Invest.</i> , 2002, 109:175-181	
✓	AF	Farese et al., Triglyceride synthesis: insights from the cloning of diacylglycerol acyltransferase, <i>Curr. Opin. Lipidol.</i> , 2000, 11:229-234	
✓	AG	Lardizabal et al., DGAT2 is a new diacylglycerol acyltransferase gene family: purification, cloning, and expression in insect cells of two polypeptides from <i>Mortierella ramanniana</i> with diacylglycerol acyltransferase activity, <i>J. Biol. Chem.</i> , 2001, 276:38862-38869	
✓	AH	Meegalla et al., Concerted elevation of acyl-coenzyme A:diacylglycerol acyltransferase (DGAT) activity through independent stimulation of mRNA expression of DGAT1 and DGAT2 by carbohydrate and insulin, <i>Biochem. Biophys. Res. Commun.</i> , 2002, 298:317-323	
✓	AI	Oelkers et al., Characterization of two human genes encoding acyl coenzyme A:cholesterol acyltransferase-related enzymes, <i>J. Biol. Chem.</i> , 1998, 273:26765-26771	
EXAMINER	<i>John P. M. Johnson</i>		DATE CONSIDERED

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>SPM</i>	AJ	Smith et al., <i>Obesity resistance and multiple mechanisms of triglyceride synthesis in mice lacking Dgat</i> , <i>Nat. Genet.</i> , 2000, 25:87-90	
<i>J</i>	AK	Waterman et al., <i>Distinct ontogenetic patterns of overt and latent DGAT activities of rat liver microsomes</i> , <i>J. Lipid. Res.</i> , 2002, 43:1555-1562	
EXAMINER <i>Sanjay Bhanot</i>	DATE CONSIDERED <i>9/9/05</i>		

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U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass
<i>CPH</i>	AA	US 2003/0104414	06/05/2003	Attersand	435	6
	AB	US 2003/0124126	07/03/2003	Cases et al.	424	146.1
	AC	US 2003/0028923	02/06/2003	Lardizabal et al.	800	281
<i>S</i>	AD	US 2003/0100480	05/29/2003	Smith et al.	514	1
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation YES NO
	AO	WO 00/78961	12/28/2000	PCT	X
<i>CPH</i>	AP	WO 01/68948	09-20-2001	PCT	X
<i>CPH</i>	AQ	WO 02/08260	01/31/2002	PCT	X
<i>CPH</i>	AR	EP 1 308 459	05/07/2003	EPC	X
	A2				
<i>CPH</i>	AS	WO 01/77389	10/18/2001	PCT	X
	AT				
	AU				
	AV				
	AW				
	AX				
EXAMINER	<i>J. M. M. B.</i>		DATE CONSIDERED	<i>9/9/05</i>	



PTO/SB/08B (08-03)

Approved for use through 7/31/2006. OMB 0651-0031
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Substitute for form 1449B/PTO				<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/643,801
(Use as many sheets as necessary)				<i>Filing Date</i>	August 18, 2003
				<i>First Named Inventor</i>	Bhanot et al.
				<i>Group Art Unit</i>	1646 <i>1635</i>
				<i>Examiner Name</i>	unassigned
Sheet	1	of	1	<i>Attorney Docket Number</i>	RTS-0678USA

NONPATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
<i>LRK</i>	AL	CHENG et al., "Human acyl-CoA: diacylglycerol acyltransferase is a tetrameric protein", <i>Biochem. J.</i> November 1, 2001 359(pt 3):707-714			T ²
	AM	LUDWIG et al., "DGAT1 promoter polymorphism associated with alterations in body mass index, high density lipoprotein levels and blood pressure in Turkish women", <i>Clin. Genet.</i> July 2002 62(1):68-73			
	AN	TABATA et al., "Xanthohumols, diacylglycerol acyltransferase inhibitors, from Humulus lupulus", <i>Phytochemistry</i> October 1997 46(4):683-687			
	AO	TOMODA et al., "Roselipins, inhibitors of diacylglycerol acyltransferase, produced by <i>Gliocladium roseum</i> KF-1040", <i>J. Antibiot. (Tokyo)</i> August 1999 52(8):689-694			
	AP	YU et al., "Posttranscriptional control of the expression and function of diacylglycerol acyltransferase-1 in mouse adipocytes", <i>J. Biol. Chem.</i> December 27, 2002 277(52):50876-50884			

Examiner Signature	<i>LRK</i>	Date Considered	<i>9/9/05</i>
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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